

ABSTRACT OF THE DISCLOSURE

The apparatus is an electronic speed control for farm machines. A microprocessor is fed data on the tractor engine speed, the tractor ground speed, and the manual speed lever setting, and electronically matches the desired ground speed to the engine speed to prevent stalling the engine. Ground speed is controlled by using the microprocessor to electrically vary a control valve that replaces the usual mechanical linkage between the speed control lever and the hydraulic pumps driving the hydraulic wheel motors.